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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Declaration Submitted with Initial Filing

Declaration OR Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number		06438 USA
First Nam d Inventor		Bing Ji, et al.
COMPLI	ETE IF	KNOWN
Application Number		10/619,911
Filing Date	15 .	July 2003
Group Art Unit	176	3
Examiner Name		

		S. 100 (1. 10)	<u> </u>		
As a below named inventor, I he	reby declare that:				
My residence, mailing address, and citizenship are as stated below next to my name.					
I believe I am the original, first and names are listed below) of the sub	I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:				
UNSATURATED OXYGEN					
APPLICATIONS					
	1711				
the specification of which	(Interort	he Invention)			
is attached hereto					
OR					
x was filed on (MM/DD/YYYY)	15 July 2003	as I Initad St	ates Application I	Number or PCT International	
was med on (MIMI DDI 1111)		as Orated St	ates Application	Number of PCT international	
				Marie and the second se	
Application Number 10/619,9	11 and was a	mended on (MM/DD/YY	YY)	(if applicable).	
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.					
acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation- in-part applications, material information which became available between the filing date of the prior application and the national or					
PCT international filing date of the	continuation-in-part app	olication.			
I hereby claim foreign priority ben- or plant breeder's rights certificate	efits under 35 U.S.C. 1° e(s), or 365(a) of any F	19(a)-(d) or (f), or 365(b)	of any foreign ap	oplication(s) for patent, inventor's	
than the United States of Americ patent, inventor's or plant breeder	a. listed below and hav	/e also identified below.	by checking the	box, any foreign application for	
application on which priority is clai	med.		Priority		
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Not Claimed	Certified Copy Attached? YES NO	
	·				
Additional foreign application	numbers are listed on a	supplemental priority da	ta sheet PTO/SB	3/02B attached hereto:	

[Page 1 of 2]

Please type a plus sign (+) inside this box

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DECLARATION — Utility or Design Patent Application

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Direct an correspondence in: A F	Customer Number or Bar Code Label	1 2257	3	OR	Correspondence address below
Name					
Address					
Address			·		
City			State		ZIP
Country	Tele	phone			Fax
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SOLE OR FIRST INV	ENTOR:	0	A petiti	on has been fil	ed for this unsigned inventor
Given Name (first and middle [if any]) Bing			Family I		·
Inventor's Signature					21 July, 2003 Date
Residence: City Allentown		PA State		USA Country	USA Citizenship
6736 Windermere Court Mailing Address					
Mailing Address					
Allentown City	PA State		ZIP	18104	USA Country
NAME OF SECOND INVENTOR	:		A petiti	on has been fil	ed for this unsigned inventor
Given Name (first and middle [if any]) Ronald Ma	artin		Family F	Peariste	in
Inventor's // // // // // Signature	Str				Date 21 July 2003
Macungie Residence: City		PA State		USA Country	USA Citizenship
118 Brookfield Dri Mailing Address	ve				
Mailing Address					
Macungie City	PA State		ZIP	18062	USA Country
Additional inventors are being named		elemental Additio		tor(s) sheet(s) PT	

PTO/SB/02A (11-00)

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DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page _1 of 2

Name of Additional Joint Inventor, if a	A petition has been filed for this unsigned inventor				
Given Name (first and middle [if an)	Fa	mily Name or	Surname		
Røbert George	Rebert George				
Inventor's Signature Surface Surface Inventor's	W _			July 22, 2003	
Residence: City Allentown	PA State	USA Country		Canada Citizenship	
Mailing Address 1156 Clearwood Drive	***				
Mailing Address					
City Allentown	State PA	ZIP 18103-5	Coun	USA try	
Name of Additional Joint Inventor, if a	ny:	A petition has t	een filed for t	his unsigned inventor	
Given Name (first and middle [if any])	Fa	mily Name or	Surname	
Peter R.	a	Bade	Badowski		
Inventor's Polen . J	Sadow	The The		Date 7/17/03	
Residence: City White Haven	PA State	Country	SA	USA Citizenship	
Mailing Address 100 Towanda Street					
Malling Address					
White Haven City	PA State	ZIP	18661 Co	USA untry	
Name of Additional Joint Inventor, if a	ny:	☐ A petition has be	en filed for th	is unsigned inventor	
Given Name (first and middle [if any])		Family Name	or Surname	
Stephen Andrew Motika					
Inventor's Signature Mol	rew M	Otika		Date 7 Date 03	
Kutztown Residence: City	PA State	USA Country		USA Citizenship	
Mailing Address 817 Noble Street					
Mailing Address					
Cíty Kutztown	PA State	ZIP	19530 C	USA	

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page _ 2 of _ 2

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Name of Additional Joint Inventor, if a	ny:	☐ A peti	ion has been file	d for th	nis unsigned inventor	
Given Name (first and middle [if any])			Family Nam	e or S	umame	
Eugene Joseph		Karwacki, Jr.				
Inventor's Signature Legar forey (and	le f	<u> </u>		6	21 July 2003 Date	
Residence: City	PA State	USA Country			JSA Citizenship	
Mailing Address 5620 Snowdrift Lane	T					
Mailing Address						
City Orefield	State	ZIP	18069 L	ISA ountr	y	
Name of Additional Joint Inventor, if a	ny:	A petition	on has been filed	for this	s unsigned inventor	
Given Name (first and middle [if any])	Family Name or Surname				
Kerry Benard	··		Berger			
Inventor's Signature Chara (Du.				Date 7/17/03	
Residence: City Lehighton	PA State	USA Country	/		USA Citizenship	
Malling Address 175 Thunder Lane						
Mailing Address						
Lehighton City	PA State	ZIP	18235	USA		
Name of Additional Joint Inventor, if a			has been filed fo		unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname				
Partily Name of Surfame				, outreame		
Inventor's Signature					Date	
Residence: City	State	Country			Citizenship	
Mailing Address						
Mailing Address			***************************************	<u>,</u>		
City	State	ZîP		Co	untry	

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PTO/SB/81 (06-03)
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Application Number	mation unless it displays a valid OMB control number. 10/619,911
Filling Date	15 July 2003
First Named Inventor	Bing Ji, et al.
Title	Unsaturated Oxygenated Fluorocarbons
Art Unit	1763
Examiner Name	
Attorney Docket Number	06438 USA

I hereby appoint:					
X Practitioners at Customer Number:	23543				
OR					
Practitioner(s) named below:					
Name			Registration	Number	·
as my/our attomey(s) or agent(s) to prosecu Trademark Office connected therewith.	te the application identified above, a	and to trans	sact all business	in the Uni	ited States Patent and
Please recognize or change the correspond	ence address for the above-identifie	d application	on to:		
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City		State		Zip	
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l <u>am</u> the:		Fax			
Applicant/Inventor.					
X Assignee of record of the entire into Statement under 37 CFR 3.73(b) is	erest. See 37 CFR 3.71. s enclosed. (Form PTO/SB/96)				
	SIGNATURE of Applicant or Ass	ign ee of R	Record		
Name Mark L. Rodgers					
Signature MCL 2 1684					
Date 3 November 2003			Telephone	610- 4 8	31-8817
NOTE: Signatures of all the inventors or assignees forms if more than one signature is required, see b		presentative	e(s) are required. S	Submit multi	ple
*Total of 1 forms are su	bmitted.				

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/96 (08-00)

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STATEMENT UNDE	R 37 CFR 3.73(b)
Applicant/Patent Owner: Bing Ji, et al.	
Application No./Patent No.: 10/619,911	
Entitled: Unsaturated Oxygenated Fluorocarbons for	
Air Products and Chemicals, Inc. , a corpora	ation
	signee, e.g., corporation, partnership, university, government agency, etc.)
adada a da ed id in	
states that it is:	
1. X the assignee of the entire right, title, and interest;	
2. an assignee of less than the entire right, title and The extent (by, percentage) of its ownership inter	interest. est is%
in the patent application/patent identified above by virtue	e of either:
A. [x] An assignment from the inventor(s) of the patent was recorded in the United States Patent and Trawhich a copy thereof is attached.	application/patent identified above. The assignment ademark Office at Reel, Frame, or for
OR	
B. [] A chain of title from the inventor(s), of the patent assignee as shown below:	application/patent identified above, to the current
1. From:1	Го:
The document was recorded in the United S	States Patent and Trademark Office at, or for which a copy thereof is attached.
2. From:	Го:
The document was recorded in the United S	States Patent and Trademark Office at, or for which a copy thereof is attached.
3 From:	·o:
The document was recorded in the United S	
[] Additional documents in the chain of title are	e listed on a supplemental sheet.
[] Copies of assignments or other documents in the cha [NOTE: A separate copy (i.e., the original assignment must be submitted to Assignment Division in accordance	• •
recorded in the records of the USPTO. See MPEP 3	nt document or a true copy of the original document) ance with 37 CFR Part 3, if the assignment is to be
	nt document or a true copy of the original document) ance with 37 CFR Part 3, if the assignment is to be 02.08]
	nt document or a true copy of the original document) ance with 37 CFR Part 3, if the assignment is to be 02.08]
The undersigned (whose title is supplied below) is author	nt document or a true copy of the original document) ance with 37 CFR Part 3, if the assignment is to be 02.08] rized to act on behalf of the assignee.
The undersigned (whose title is supplied below) is author 3 November 2003	nt document or a true copy of the original document) ance with 37 CFR Part 3, if the assignment is to be 02.08] rized to act on behalf of the assignee. Mark L. Rodgers
The undersigned (whose title is supplied below) is author 3 November 2003	nt document or a true copy of the original document) ance with 37 CFR Part 3, if the assignment is to be 02.08] rized to act on behalf of the assignee. Mark L. Rodgers Typed or printed name

ASSIGNMENT

For value received, we, Bing Ji, Ronald Martin Pearlstein, Robert George Syvret, Peter R. Badowski, Stephen Andrew Motika, Eugene Joseph Karwacki, Jr., and Kerry Renard Berger, hereby sell, assign, and transfer to **AIR PRODUCTS AND CHEMICALS, INC.**, a corporation of the State of Delaware, having an office at 7201 Hamilton Boulevard, Allentown, PA 18195-1501, the entire right, title, and interest in and to the invention relating to

UNSATURATED OXYGENATED FLUOROCARBONS FOR SELECTIVE ANIOSTROPIC ETCH APPLICATIONS

described in our application for Letters Patent of the United States (identified by Docket No. 06438 USA) executed of even date herewith, in and to all Letters Patent which may be issued upon said application, in and to any divisional or reissue applications based thereon, and in and to all Letters Patent upon said invention or improvements which may be granted in foreign countries. We hereby also assign and convey to said **AIR PRODUCTS AND CHEMICALS**, **INC.**, all the rights accruing to us by virtue of the International Convention for the Protection of Industrial Property (Art. 4), including the right to apply for and to have patents issued in its own name.

And we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and the Officials of the Patent Offices of all other countries to issue the Letters Patent of their respective countries to said **AIR PRODUCTS AND CHEMICALS, INC.**, as assignee of the entire right, title, and interest in and to the same.

And we hereby promise and agree to execute all papers and perform all acts necessary to secure to and vest in said **AIR PRODUCTS AND CHEMICALS, INC.**, its successors and assigns, the rights conveyed as herein set forth.

•	•
Bing Ji (L.S.)	Ronald Martin Pearlstein (L.S.)
21 July, 2003 Date	21 July 2003 Date
Poset Storge Syvret (L.S.)	Peter R. Badowski
July 22, 2003 Date Date	7/17/03 /Date
Stephen Andrew Motika	Eugene Joseph Karwacki, Jr.
17 Tucy 03 Date	21 Js/2 2003 Date
Kerry Renard Berger (L.S.)	•
Date	